

3672

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No. **#3**
06558.013001

In Re Application Of: **Jonggeun CHOE et al.**

Serial No.
10/053,857

APR 03 2002

Filing Date
01/18/2002

Examiner

Group Art Unit
3672

Title: **METHOD FOR SIMULATING SUBSEA MUDLIFT DRILLING AND WELL CONTROL OPERATIONS**

Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231

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GROUP 3600

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
 2. a Notice of Allowance under 37 CFR 1.311,
- whichever occurs first.

Also submitted herewith is:

- ☐ a certification as specified in 37 CFR 1.97(e);

OR

- ☐ the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).



22511

PATENT TRADEMARK OFFICE

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Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 50-0591 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____
- ☐ Credit any overpayment.
- ☒ Charge any additional fee required.

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I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. _____) on _____ (Date)

Signature

Typed or Printed Name of Person Signing Certificate

*This certificate may only be used if paying by deposit account.

Certificate of Mailing by First Class Mail

I certify that this document and fee is being deposited on March 27, 2002 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Brenda C. McFadden

Signature of Person Mailing Correspondence

Brenda C. McFadden

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Dated:

3/27/02

Signature

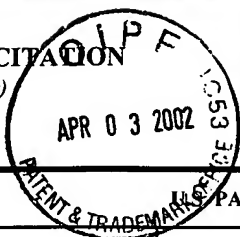
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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

06558.013001

Application Number

10/053,857

Applicant(s)

Jonggeun CHOE et al.

Filing Date

January 18, 2002

Group Art Unit

PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	4,813,495	03/21/1989	Leach	175	6	05/05/1987

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FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

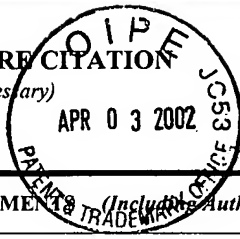
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DATE CONSIDERED

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INITIAL

OTHER DOCUMENTS (Include Author, Title, Date, Pertinent Pages, Etc.)

B1

"A Modified Two-Phase Well-Control Model and Its Computer Applications as a Training and Educational Tool", Jonggeun Choe and Hans C. Juvkam-Wold, SPE Computer Applications, February 1997, pages 14-20, 8 pages

B2

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B3

"Estimating Shallow Below Mudline Deepwater Gulf of Mexico Fracture Gradients", J. W. Barker et al., 1997 Houston AADE Chapter Annual Technical Forum, April 2-3, 1997, 9 pages

B4

"Fracture Gradient Prediction and Its Application in Oilfield Operations", Ben A. Eaton, Journal of Petroleum Technology, October 1969, 8 pages

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"Two-Phase Flow In Pipes", Dr. James P. Brill et al., Third Printing February, 1984, 3 pages

B9

"The Viscosity of Natural Gases", Anthony L. Lee et al., Reprint from August 1966 Journal of Petroleum Technology, 4 pages

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"A Study of Two-Phase Flow in Inclined Pipes", H. Dale Beggs et al., Journal of Petroleum Technology, May 1973, 11 pages

B11

"Velocity of Large Drops and Bubbles in Media of Infinite or Restricted Extent", Tibor Z. Harmathy, A.I.Ch.E. Journal, Vol. 6, No. 2, June 1960, 8 pages

B12

"Predicting Multiphase Flow Behavior in a Deviated Well", A. Rashid Hasan et al., SPE Production Engineering, November 1988, 9 pages

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C1

"A Study of Multiphase Flow Behavior in Vertical Oil Wells: Part I - Theoretical Treatment", A. R. Hasan et al., Society of Petroleum Engineers, Paper No. SPE 15138, 16 pages

C2

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"Dynamic Well Control Simulation Models for Water-Based MUDS and Their Computer Applications", Dissertation by Jonggeun Choe, May 1995, 197 pages

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